

GEOLOGICAL SURVEY  
OF  
KENTUCKY  
JNO R. PROCTER, DIRECTOR.  
MAP OF THE  
**JACKSON PURCHASE**

COMPRISING  
BALLARD, MC CRACKEN, MARSHALL, GRAVES,  
CALLOWAY HICKMAN AND FULTON COUNTIES  
Geology by R. H. LOUGHBRIDGE  
Map by J. B. HOEING H. R. AYRES, Aid.  
Scale: 300000.  
1885.

CONVENTION OF SIGNS  
Streams  
Roads  
Rail-Roads  
County Lines

SCHEME OF COLORS  
River Alluvium  
Grey Silt or Loess  
Quaternary: Brown Loam  
Port Hudson  
Stratified Drift or Gravel  
Tertiary: La Grange  
Lignitic } Eocene  
Hickman  
Cretaceous: Ripley  
Sub Carboniferous: Lower or Silicious

\* The Stratified Drift underlies the Brown Loam  
and is not colored (See special map)

AREAS

GRAVES CO.	540 square miles
MC CRACKEN CO.	237.3
FULTON CO.	178.6
CALLOWAY CO.	403
HICKMAN CO.	426.2
HICKMAN CO.	229.5
MARSHALL CO.	324.5

ASTRONOMICAL STATIONS

PADUCAH	37° 04' 50" N. 88° 36' 48" W.
CAIRO	37° 00' 10" N. 89° 10' 13" W.
HICKMAN	36° 34' 17" N. 89° 11' 30" W.

DECLINATION OF NEEDLE FOR 1885.

PADUCAH	5° 41' EAST
HICKMAN	5° 37' "
MAYFIELD	5° 02' "

TOWNSHIP LINE						
RANGE LINE	6	5	4	3	2	1
	7	8	9	10	11	12
	18	17	16	15	14	13
	19	20	21	22	23	24
	30	29	28	27	26	25
	31	32	33	34	35	36
TOWNSHIP LINE						

